

HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	DDD
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	DDD
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	

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HH      HH  LL      DDDDDDDDD
HH      HH  LL      DDDDDDDDD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HHHHHHHHHH  LL      DD          DD
HHHHHHHHHH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LL      DD          DD
HH      HH  LLLLLLLLLL DDDDDDDDD
HH      HH  LLLLLLLLLL DDDDDDDDD

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MM      MM      AAAAAA      PPPPPPPP
MM      MM      AAAAAA      PPPPPPPP
MMMM    MMMM    AA          AA      PP          PP
MMMM    MMMM    AA          AA      PP          PP
MM      MM      MM      AA          AA      PP          PP
MM      MM      MM      AA          AA      PP          PP
MM      MM      MM      AA          AA      PPPPPPPP
MM      MM      MM      AA          AA      PPPPPPPP
MM      MM      AAAAAAAAAA      PP
MM      MM      AAAAAAAAAA      PP
MM      MM      AA          AA      PP
MM      MM      AA          AA      PP
MM      MM      AA          AA      PP
MM      MM      AA          AA      PP

```

```

+-----+
! Object Module Synopsis !
+-----+

```

Module Name	Ident	Bytes	File	Creation Date	Creator
HLDMAIN	V04-000	256	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:41	VAX/VMS Macro V04-00
HLDDATA	V04-000	1492	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:40	VAX/VMS Macro V04-00
HLDIO	V04-000	116	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:41	VAX/VMS Macro V04-00
HLDCSTA	V04-000	53	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:40	VAX/VMS Macro V04-00
HLDFILE	V04-000	591	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:40	VAX/VMS Macro V04-00
HLDTASK	V04-000	286	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:42	VAX/VMS Macro V04-00
HLDPRINT	V04-000	539	-\$255\$DUA28:[HLD.OBJ]HLD.OLB;1	16-SEP-1984 01:41	VAX/VMS Macro V04-00
SYS\$IODEF	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00
RMS\$GLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:35	VAX/VMS Macro V04-00
SYS\$SSDEF	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro V04-00
SYS\$P1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00

+-----+
! Program Section Synopsis !
+-----+

Psect Name	Module Name	Base	End	Length	Align	Attributes
HLDS\$PURE		00000200	0000043D	0000023E (	574.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	HLDDATA	00000200	0000021B	0000001C (	28.)	LONG 2
	HLDFILE	0000021C	00000272	00000057 (	87.)	LONG 2
	HLDTASK	00000274	00000274	00000000 (	0.)	LONG 2
	HLDPRINT	00000274	0000043D	000001CA (	458.)	LONG 2
HLDS\$IMPURE		00000600	00000B97	00000598 (	1432.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	HLDDATA	00000600	00000B97	00000598 (	1432.)	LONG 2
HLDS\$CODE		00000C00	0000110F	00000510 (	1296.)	BYTE 0 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	HLDMAN	00000C00	00000CFF	00000100 (	256.)	BYTE 0
	HLDIO	00000D00	00000D73	00000074 (	116.)	BYTE 0
	HLDCSTA	00000D74	00000DA8	00000035 (	53.)	BYTE 0
	HLDFILE	00000DA9	00000FA0	000001F8 (	504.)	BYTE 0
	HLDTASK	00000FA1	000010BE	0000011E (	286.)	BYTE 0
	HLDPRINT	000010BF	0000110F	00000051 (	81.)	BYTE 0
SRMSNAM		00001200	0000121F	00000020 (	32.)	BYTE 0 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	HLDDATA	00001200	0000121F	00000020 (	32.)	BYTE 0
. BLANK .		00001220	00001220	00000000 (	0.)	BYTE 0 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	HLDTASK	00001220	00001220	00000000 (	0.)	BYTE 0

! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
HLD\$AB_BUFFER	00000998-R	HLDDATA	HLDMAIN
HLD\$AT_REQ_TYPE	000002D6-R	HLDPRINT	HLDFILE
HLD\$AT_TSKBUF	00000682-R	HLDDATA	HLDCSTA
HLD\$B_CUN_FLAG	00000008	HLDDATA	HLDFILE
HLD\$B_NLUNS	00000002	HLDDATA	HLDTASK
HLD\$B_REQUEST	00000009	HLDDATA	HLDFILE
HLD\$CSTA	00000D74-R	HLDCSTA	HLDFILE
HLD\$CHECK_RMS	00000D61-R	HLDIO	HLDFILE
HLD\$CHECK_SS	00000D2C-R	HLDIO	HLDMAIN
HLD\$DATFAB	000007B4-R	HLDDATA	HLDFILE
HLD\$DATRAB	00000804-R	HLDDATA	HLDFILE
HLD\$DISK_READ	00000D56-R	HLDIO	HLDDATA
HLD\$DISK_WRITE	00000D49-R	HLDIO	HLDFILE
HLD\$EXIT_TO_VMS	00000CD0-R	HLDMAIN	HLDFILE
HLD\$GB_ERRORFLG	0000067E-R	HLDDATA	HLDFILE
HLD\$GB_GPFLAG	00000680-R	HLDDATA	HLDFILE
HLD\$GB_LUNFLAG	00000681-R	HLDDATA	HLDFILE
HLD\$GB_MAPFLAG	0000067F-R	HLDDATA	HLDFILE
HLD\$GB_TSKFNS	000006C0-R	HLDDATA	HLDFILE
HLD\$GET_FILE	00000DA9-R	HLDFILE	HLDMAIN
HLD\$GL_DATRBF	0000082C-R	HLDDATA	HLDFILE
HLD\$GL_IOPARAM1	0000066E-R	HLDDATA	HLDIO
HLD\$GL_IOPARAM2	00000672-R	HLDDATA	HLDIO
HLD\$GL_IOROUT_1	00000666-R	HLDDATA	HLDFILE
HLD\$GL_IOROUT_2	0000066A-R	HLDDATA	HLDFILE
HLD\$GL_RECEND	00000848-R	HLDDATA	HLDFILE
HLD\$GL_TSKBKT	00000714-R	HLDDATA	HLDMAIN
HLD\$GL_TSKFNA	00000688-R	HLDDATA	HLDFILE
HLD\$GQ_LNKIOSB	00000650-R	HLDDATA	HLDIO
HLD\$GQ_LNKNAM	00000200-R	HLDDATA	HLDMAIN
HLD\$GQ_NCBDESC	00000600-R	HLDDATA	HLDMAIN
HLD\$GQ_NODEDESC	00000648-R	HLDDATA	HLDFILE
HLD\$GQ_PRTBUF	00000658-R	HLDDATA	HLDFILE
HLD\$GQ_SYSNAM	0000020D-R	HLDDATA	HLDFILE
HLD\$GT_INVALID	000002C6-R	HLDPRINT	HLDFILE
HLD\$GT_NCBBUF	00000608-R	HLDDATA	HLDMAIN
HLD\$GT_OPER	00000676-R	HLDDATA	HLDFILE
HLD\$GW_DATRSZ	00000826-R	HLDDATA	HLDFILE
HLD\$GW_IOFUNC	00000662-R	HLDDATA	HLDIO
HLD\$GW_IOLN	0000067C-R	HLDDATA	HLDMAIN
HLD\$GW_LNKCHN	00000660-R	HLDDATA	HLDIO
HLD\$GW_PRTLEN	0000067A-R	HLDDATA	HLDFILE
HLD\$GW_SAVEFUNC	00000664-R	HLDDATA	HLDFILE
HLD\$SL_OVL_VBN	0000000A	HLDDATA	HLDTASK
HLD\$NET_ID	00000D00-R	HLDIO	HLDDATA
HLD\$OPER_TSKFIL	00000FA1-R	HLDTASK	HLDMAIN
HLD\$PRINT	000010BF-R	HLDPRINT	HLDMAIN
HLD\$PRTFAB	00000720-R	HLDDATA	HLDMAIN
HLD\$PRTTAB	00000770-R	HLDDATA	HLDMAIN

Symbol	Value	Defined By	Referenced By ...		
HLD\$RMS_CONNECT	00000D33-R	HLDIO	HLDFILE	HLDMAIN	HLDTASK
HLD\$RMS_OPEN	00000D3E-R	HLDIO	HLDFILE	HLDMAIN	HLDTASK
HLD\$START	00000C00-R	HLDMAIN			
HLD\$TSKFAB	0000068C-R	HLDDATA	HLDTASK		
HLD\$TSKRAB	000006DC-R	HLDDATA	HLDIO	HLDTASK	
HLD\$T_TASK	00000000	HLDDATA			
HLD\$W_PART_ADDR	00000004	HLDDATA	HLDFILE	HLDTASK	
HLD\$W_PART_SIZE	00000006	HLDDATA	HLDTASK		
HLD\$W_XFR_SIZE	00000000	HLDDATA	HLDTASK		
IOS_ACCESS	00000032	SYSSIODEF	HLDDATA		
IOS_READVBLK	00000031	SYSSIODEF	HLDFILE	HLDMAIN	
IOS_WRITEVBLK	00000030	SYSSIODEF	HLDDATA	HLDMAIN	
RAB\$L_RBF	00000028	RMS\$GLOBALS	HLDTASK		
RAB\$W_RSZ	00000022	RMS\$GLOBALS	HLDPRINT		
RMS\$ EOF	0001827A	RMS\$GLOBALS	HLDIO		
SS\$ _TVDEVNAM	00000144	SYSS\$SDEF	HLDMAIN		
SS\$ _NORMAL	00000001	SYSS\$SDEF	HLDFILE	HLDTASK	
SYSS\$ASSIGN	7FFFEDE50	SYSSP1_VECTOR	HLDMAIN		
SYSS\$CLOSE	7FFFE1B8	SYSSP1_VECTOR	HLDFILE		
SYSS\$CONNECT	7FFFE1C0	SYSSP1_VECTOR	HLDIO		
SYSS\$EXIT	7FFFEDF40	SYSSP1_VECTOR	HLDMAIN		
SYSS\$FAO	7FFFEDF50	SYSSP1_VECTOR	HLDPRINT		
SYSS\$GET	7FFFE180	SYSSP1_VECTOR	HLDFILE		
SYSS\$OPEN	7FFFE208	SYSSP1_VECTOR	HLDIO		
SYSS\$PUT	7FFFE188	SYSSP1_VECTOR	HLDPRINT		
SYSS\$QIO	7FFFEDFC8	SYSSP1_VECTOR	HLDMAIN		
SYSS\$QIOW	7FFFEDE00	SYSSP1_VECTOR	HLDIO		
SYSS\$READ	7FFFE190	SYSSP1_VECTOR	HLDIO		
SYSS\$SETEF	7FFFE000	SYSSP1_VECTOR	HLDMAIN		
SYSS\$TRNLOG	7FFFE058	SYSSP1_VECTOR	HLDMAIN		
SYSS\$WAITFR	7FFFE078	SYSSP1_VECTOR	HLDMAIN		
SYSS\$WRITE	7FFFE1B0	SYSSP1_VECTOR	HLDIO		

! Symbols By Value !

Value	Symbols...
00000000	HLD\$T_TASK
00000001	SS\$ NORMAL
00000002	HLD\$B_NLUNS
00000004	HLD\$W_PART_ADDR
00000006	HLD\$W_PART_SIZE
00000008	HLD\$B_LUN_FLAG
00000009	HLD\$B_REQUEST
0000000A	HLD\$B_OVL_VBN
00000022	RAB\$W_RSZ
00000028	RAB\$B_RBF
00000030	IO\$ WRITEVBLK
00000031	IO\$ READVBLK
00000032	IO\$ ACCESS
00000144	SS\$ IVDEVNAM
00000200	R-HLD\$GQ_LNKNAME
0000020D	R-HLD\$GQ_SYSNAM
000002C6	R-HLD\$GT_INVALID
000002D6	R-HLD\$AT_REQ_TYPE
00000600	R-HLD\$GQ_NCBDESC
00000608	R-HLD\$GT_NCBBUF
00000648	R-HLD\$GQ_NODEDESC
00000650	R-HLD\$GQ_LNKIOSB
00000658	R-HLD\$GQ_PRTBUF
00000660	R-HLD\$GW_LNKCHN
00000662	R-HLD\$GW_IOFUNC
00000664	R-HLD\$GW_SAVEFUNC
00000666	R-HLD\$GL_IOROUT_1
0000066A	R-HLD\$GL_IOROUT_2
0000066E	R-HLD\$GL_IOPARAM1
00000672	R-HLD\$GL_IOPARAM2
00000676	R-HLD\$GT_OPER
0000067A	R-HLD\$GW_PRTLEN
0000067C	R-HLD\$GW_IOLEN
0000067E	R-HLD\$GB_ERRORFLG
0000067F	R-HLD\$GB_MAPFLAG
00000680	R-HLD\$GB_GPFLAG
00000681	R-HLD\$GB_LUNFLAG
00000682	R-HLD\$AT_TSKBUF
0000068C	R-HLD\$TSKFAB
0000068G	R-HLD\$GL_TSKFNA
000006C0	R-HLD\$GB_TSKFNS
000006DC	R-HLD\$TSKRAB
00000714	R-HLD\$GL_TSKBKT
00000720	R-HLD\$PRTFAB
00000770	R-HLD\$PRTRAB
000007B4	R-HLD\$DATFAB
00000804	R-HLD\$DATRAB
00000826	R-HLD\$GW_DATRSZ
0000082C	R-HLD\$GL_DATRBF

Value	Symbols...
00000848	R-HLD\$GL_RECEND
00000998	R-HLD\$AB_BUFFER
00000C00	R-HLD\$START
00000CD0	R-HLD\$EXIT_TO_VMS
00000D00	R-HLD\$NET_TO
00000D2C	R-HLD\$CHECK_SS
00000D33	R-HLD\$RMS_CONNECT
00000D3E	R-HLD\$RMS_OPEN
00000D49	R-HLD\$DISK_WRITE
00000D56	R-HLD\$DISK_READ
00000D61	R-HLD\$CHECK_RMS
00000D74	R-HLD\$CSTA
00000DA9	R-HLD\$GET_FILE
00000FA1	R-HLD\$OPEN_TSKFIL
000010BF	R-HLD\$PRINT
0001827A	RMS\$ EOF
7FFFEDE0	SYSS\$IOV
7FFFEDE5	SYSS\$ASSIGN
7FFFEDF4	SYSS\$EXIT
7FFFEDF5	SYSS\$FAD
7FFFEDFC	SYSS\$QIO
7FFFEE00	SYSS\$SETF
7FFFEE05	SYSS\$TRNLOG
7FFFEE07	SYSS\$WAITFR
7FFFEE18	SYSS\$GET
7FFFEE18	SYSS\$PUT
7FFFEE19	SYSS\$READ
7FFFEE1B	SYSS\$WRITE
7FFFEE1B	SYSS\$CLOSE
7FFFEE1C	SYSS\$CONNECT
7FFFEE20	SYSS\$OPEN

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

! Image Synopsis !

Virtual memory allocated: 00000200 000015FF 00001400 (5120. bytes, 10. pages)
Stack size: 20. pages
Image header virtual block limits: 1. (1. block)
Image binary virtual block limits: 2. (10. blocks)
Image name and identification: HLD V04-000
Number of files: 4.
Number of modules: 11.
Number of program sections: 9.
Number of global symbols: 81.
Number of cross references: 192.
Number of image sections: 6.
User transfer address: 00000C00
Image type: EXECUTABLE.
Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[HLD.LIS]HLD.MAP;1
Estimated map length: 46. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	110	00:00:00.24	00:00:00.98
Pass 1:	107	00:00:01.73	00:00:07.73
Allocation/Relocation:	37	00:00:00.15	00:00:00.88
Pass 2:	40	00:00:00.57	00:00:03.11
Map data after object module synopsis:	25	00:00:00.68	00:00:00.68
Symbol table output:	2	00:00:00.05	00:00:00.47
Total run values:	321	00:00:03.42	00:00:13.85

Using a working set limited to 1050 pages and 37 pages of data storage (excluding image)

Total number object records read (both passes): 528
of which 264 were in libraries and 14 were DEBUG data records containing 442 bytes

Number of modules extracted explicitly = 7
with 4 extracted to resolve undefined symbols

23 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/EXE=EXES:HLD/MAP=MAPS:HLD/FULL/CROSS LIBS:HLD/INCLUDE=(HLDMAIN,HLDDATA,HLDIO,HLDCSTA,HLDFILE,HLDTASK,HLDPRI
INT)

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AH-BT13A-SE
VAX/VMS V4.0

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